

ACRONYMS AND ABBREVIATIONS

ADT	average daily traffic
AES	Applied Energy Services
Btu	British thermal unit
CAA	Clean Air Act
CaCO ₃	calcium carbonate
CDS	circulating dry scrubber
CEQ	Council on Environmental Quality
CFR	<i>Code of Federal Regulations</i>
cfs	cubic feet per second
cm	centimeter
CO	carbon monoxide
CO ₂	carbon dioxide
COE	U.S. Army Corps of Engineers
CWA	Clean Water Act
dB	decibels
dB(A)	decibels as measured on the A-weighted scale
DOE	U.S. Department of Energy
EA	Environmental Assessment
EIS	Environmental Impact Statement
EMF	electromagnetic fields
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ESP	electrostatic precipitator
EF	degrees Fahrenheit
FGD	flue gas desulfurization
FONSI	Finding of No Significant Impact
FR	<i>Federal Register</i>
ft	feet
ft ³	cubic feet
FWS	U.S. Fish and Wildlife Service
g	the acceleration of gravity
gpd	gallons per day
gpm	gallons per minute
H ₂ O	water
HCl	hydrogen chloride
HF	hydrogen fluoride
Hg	mercury
in.	inch
lb	pound
Φg	microgram
Φm	micrometer

m ³	cubic meter
mg	milligram
mg/L	milligrams per liter
MGD	million gallons per day
MW	megawatt
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NH ₃	ammonia
NHPA	National Historic Preservation Act of 1966
NIOSH	National Institute for Occupational Safety and Health
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NYSDEC	New York State Department of Environmental Conservation
O ₃	ozone
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration
Pb	lead
pH	hydrogen-ion concentration notation
PM-10	particulate matter less than 10 Φ m in aerodynamic diameter
PM-2.5	particulate matter less than 2.5 Φ m in aerodynamic diameter
PPE	personal protective equipment
PPII	Power Plant Improvement Initiative
ppm	parts per million
PSD	Prevention of Significant Deterioration
Pub. L.	Public Law
RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Limit
SCR	selective catalytic reduction
SCREEN3	a screening air dispersion model
sec	second
SGLP	Synthetic Groundwater Leaching Procedure
SHPO	State Historic Preservation Officer
SO ₂	sulfur dioxide
SO ₃	sulfur trioxide
SPCCP	spill prevention, control, and countermeasures plan
SPDES	State Pollutant Discharge Elimination System
SPL	Sound Pressure Level
TCLP	toxic characteristic leaching procedure
TWA	time weighted average
USC	<i>United States Code</i>
USGS	U. S. Geological Survey
V ₂ O ₅	vanadium pentoxide
VOCs	volatile organic compounds

yd³

cubic yard